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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing OR Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	
First Named Inventor Dr. Sylvain Fischer	
COMPLETE IF KNOWN	
Application Number	
Filing Date	
Art Unit	
Examiner Name	

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Method of implementing the Kerr effect in an integrated ring resonator (the Kerr Integrated Optical Ring Filter) to achieve all-optical wavelength switching, as well as all-optical tunable filtering, add-and-drop multiplexing, space switching and optical intensity modulation.

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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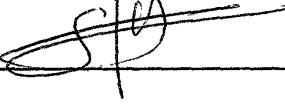
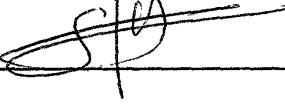
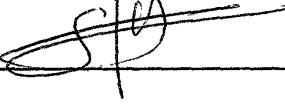
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

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DECLARATION — Utility or Design Patent Application

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<p style="margin-top: 10px;">Name Janice Olyarchuk</p> <p style="margin-top: 10px;">Address #55 The Oaks, Herbert Park Lane, Ballsbridge</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">City Dublin 4</td> <td style="width: 25%;">State</td> <td style="width: 25%;">ZIP</td> </tr> <tr> <td>Ireland</td> <td>+353 1 668 6127</td> <td>+353 1 209 1920</td> </tr> <tr> <td>Country</td> <td>Telephone</td> <td>Fax</td> </tr> </table>				City Dublin 4	State	ZIP	Ireland	+353 1 668 6127	+353 1 209 1920	Country	Telephone	Fax											
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<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>																							
<p>NAME OF SOLE OR FIRST INVENTOR: <input type="checkbox"/> A petition has been filed for this unsigned inventor</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Given Name Dr. Sylvain G. (first and middle [if any])</td> <td style="width: 50%;">Family Name Fischer or Surname</td> </tr> <tr> <td>Inventor's Signature </td> <td>Date</td> </tr> <tr> <td>Residence: City Boeblingen</td> <td>State</td> <td>Germany</td> <td>French</td> </tr> <tr> <td>Residence: City Sindelfinger Str. 32</td> <td>State</td> <td>Country</td> <td>Citizenship</td> </tr> <tr> <td>Mailing Address</td> <td>City</td> <td>ZIP</td> <td>Country</td> </tr> <tr> <td>Boeblingen</td> <td>State</td> <td>71032</td> <td>Germany</td> </tr> </table>				Given Name Dr. Sylvain G. (first and middle [if any])	Family Name Fischer or Surname	Inventor's Signature 	Date	Residence: City Boeblingen	State	Germany	French	Residence: City Sindelfinger Str. 32	State	Country	Citizenship	Mailing Address	City	ZIP	Country	Boeblingen	State	71032	Germany
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<p>NAME OF SECOND INVENTOR: <input type="checkbox"/> A petition has been filed for this unsigned inventor</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Given Name (first and middle [if any])</td> <td style="width: 50%;">Family Name or Surname</td> </tr> <tr> <td>Inventor's Signature</td> <td>Date</td> </tr> <tr> <td>Residence: City</td> <td>State</td> <td>Country</td> <td>Citizenship</td> </tr> <tr> <td>Mailing Address</td> <td>City</td> <td>ZIP</td> <td>Country</td> </tr> </table>				Given Name (first and middle [if any])	Family Name or Surname	Inventor's Signature	Date	Residence: City	State	Country	Citizenship	Mailing Address	City	ZIP	Country								
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